

154 W
 가 가 가
 가 가 0.5 mm 가
 가 10 ~ 30 μm , Fig. 4 가
 Fig. 5 가
 0.42 N/ μm , Z 0.71 N/ μm
 가 5 μm 가 0.1 μm 가 가
 Fig. 6 가
 10 $\mu\text{m}/\text{rev}$, 가 2 μm ,
 Fig. 7
 0.16 μm 0.09 μm , 가 (Ra)
 0.012 μm 0.018 μm , Rz 0.109 μm 0.083 μm
 가 가
 가

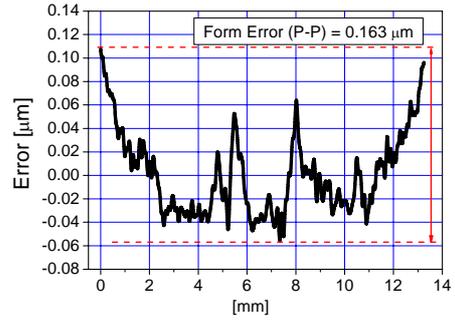


Fig. 7a. Measured form error of flat mirror surface

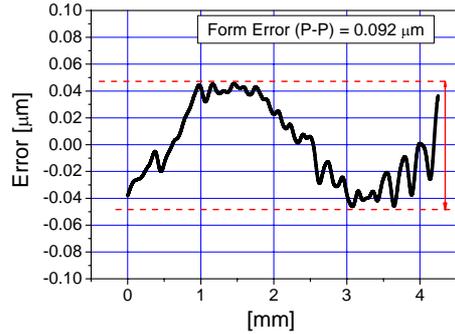


Fig. 7b. Measured form error of spherical mirror surface

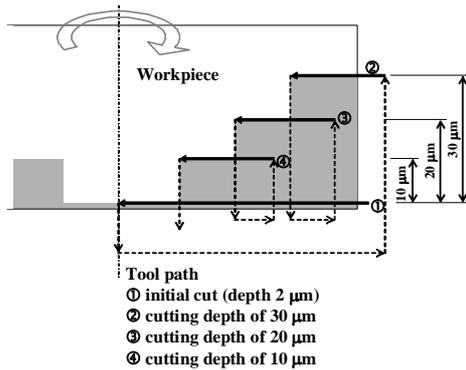


Fig. 4 Tool paths of cutting test for stiffness estimation

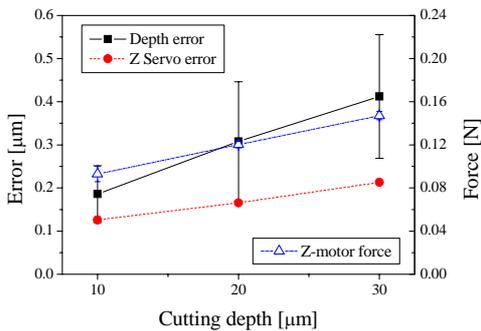


Fig. 5 Results of cutting test for stiffness estimation



Fig. 6 Machined flat and spherical mirrors

4.
 X, Z
 20 x 20 mm², 가 200 x 350 x 170 mm³
 NC 가 가 가 , 가
 0.2 μm , Ra = 0.02 μm 가
 가 가
 가 가
 가 가

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